

## DEPARTMENT OF THE ARMY UNITED STATES OF AMERICA

## INVENTION DISCLOSURE

(THIS FORM AND ACCOMPANYING DRAWING AND DESCRIPTION SHEETS ARE TO BE COMPLETED FOR EACH INVENTION PROMPTLY FORWARDED TO THE PATENT ACTIVITY')

PATENT
ACTIVITIES DOCKET NO

ASSIGNED TO:

SHORT TITLE OF INVENTION					
FULL NAME(S) OF INVENT (FIRST) (MIDDLE IN (1)		HOME ADDRESS(ES)	(DUTY) TEL. NO. AREA CODE		
INFORMATION AND DATES CONCERNING THIS INVENTION  NEEDED IN THE EVENT OF A CONTEST OF PRIORITY OF INVENTION IN THE U.S. PATENT AND TRADEMARK OFFICE, ALL RECORDS CITED SHOULD BE DATED AND SIGNED BY TWO INDEPENDENT WITNESSES WHO HAVE READ AND UNDERSTOOD THE MATERIAL.	(4) GIVE DATE OF AND IDE (5) WHEN/WHERE AND TO EITHER ORALLY OR IN (6) DESCRIBE DETAILS OF GIVE DATES AND WITN (7) DESCRIBE AND GIVE D INVENTION (8)	WRITING?  FANY WORK OR TESTS DONE TO PRODI IESSES (USE OTHER PAGES IF NECESS.  PATES OF ANY OTHER SKETCHES, DRAW	LOSURE TO OTHERS OF THE INVENTION  UCE OR OPERATE THE INVENTION  ARY)  VINGS, OR REPORTS PERTINENT TO THIS		
USE, SALE OR PUBLICATION NEEDED TO ESTABLISH THE DATE OF ANY PRINTED PUBLICATION, PUBLIC USE OR SALE. SINCE NO PATENT APPLICATION MAY BE FILLED AFTER ONE YEAR FROM SUCH DATE.	IF INVENTION HAS BEEN SOLD OR USED FOR PROFIT-WHEN AND TO WHOM DISCLOSED OR WHEN AND HOW USED? (9)  HAS A DESCRIPTION OF THIS INVENTION BEEN MADE AVAILABLE TO PERSONS OUTSIDE THE ARMY? (WRITTEN OR ORAL) IF SO, HOW AND WHEN AND WAS USE RESTRICTED? (10)				
POTENTIAL MARKET INFORMATION NEEDED FOR POSSIBLE MARKETING INVESTIGATIONS AND AS AN AID TO POTENTIAL LICENSING TO OTHERS.	DESCRIBE ANY POTENTIAL, OR EXISTING MARKET FOR SALE OR LICENSE OF THIS INVENTION (11) A . GOVERNMENT: B. COMMERCIAL: C. IDENTIFY ANY KNOWN FIRMS OR VENDORS WHO MAY BE INTERESTED IN THE INVENTION:				
CONTRACT INFORMATION  A DETERMINATION OF RIGHTS IN THIS INVENTION WILL BE NECESSARY. (SEE AR 27-60)	IF THIS INVENTION WAS FIRST CONCEIVED OR CONSTRUCTED IN CONNECTION WITH: (12)  A. MY DUTIES AS A GOVERNMENT EMPLOYEE  B. MY WORK UNRELATED TO MY DUTIES AS A GOVERNMENT EMPLOYEE (PRIVATE, OFF DUTY ACTIVITIES)  C. MY DUTIES AS A GOVERNMENT EMPLOYEE & WORKING WITH A CONTRACTOR  D. NEITHER A, B, OR C, EXPLAIN				
FOREIGN FILING CONSIDERATION NEEDED TO DETERMINE THE POTENTIAL WORLDWIDE USE FOR THE INVENTION.	INDICATE THE POTENTIAL FOR USING THIS INVENTION IN FOREIGN COUNTRIES (13) POOR GOOD EXCELLENT				
SECURITY CLASSIFICATION	PLEASE INDICATE THE (13A)  CLASSIFIED  LEVEL  UNCLASSIFIED  CLASSIFICATION	SECURITY CLASSIFICATION IF KNOWN			

**DA FORM 4734-R, 1 OCT 1978** 

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PATENT **ACTIVITIES DOCKET NO** 

(DRAWING AND DESCRIPTION SHEET)

(14) PROVIDE THE FOLLOWING INFORMATION CONCERNING THE DISCLOSED INVENTION AND IN THE INDICATED SEQUENCE:

- A . SPECIFICALLY DESCRIBE THE INVENTION AND ITS OPERATION. YOU MAY USE AND ATTACH COPIES OF SKETCHES, PRINTS, PHOTOGRAPHS, PAPERS AND ILLUSTRATIONS, WHICH SHOULD BE SIGNED, WITNESSED, AND DATED. USE NUMBERS AND DESCRIPTIVE NAMES IN DESCRIPTIONS AND DRAWINGS.
- B. STATE THE ADVANTAGES OF THE INVENTION OVER PRESENTLY KNOWN DEVICES, SYSTEMS, OR PROCESSES.
- C. DISCUSS THE PROBLEMS WHICH THE INVENTION IS DESIGNED TO SOLVE, REFERRING TO ANY PRIOR INVENTION OF A SIMILAR NATURE WITH WHICH YOU MAY BE FAMILIAR.
- D. LIST ALL KNOWN AND OTHER POSSIBLE USES FOR THE INVENTION.
  E. LIST THE FEATURES OF THE INVENTION THAT ARE BELIEVED TO BE NOVEL.

USE AS MANY OF THESE SHEETS AS NECESSARY AND ATTACH TO COMPLETED INVENTION DISCLOSURE

SIGNATURE(S) AND ORGANIZATION OF INVENTOR(S) (USE INK)	THE DESCRIBED INVENTION HAS BEEN DATE: WITNESSED READ AND UNDERSTOOD BY:	DATE:
(15)	(18)	
ORGANIZATION	_	
(16)	(19)	
ORGANIZATION	_	
(17)	(20)	
ORGANIZATION	-	

\*NOTE: THIS FORM AND ANY OMITTED INFORMATION BECOMING AVAILABLE AT A LATER TIME SHOULD BE FORWARD TO:

HODA CHIEF, INTELLECTUAL, PROPERTY DIV.

DARCOM ATTN: PATENT COUNSEL; OR CHIEF OF ENGINEERS ATTN: PATENT COUNSEL OFFICE OF THE JUDGE ADVOCATE GENERAL DEPT. OF THE ARMY WASHINGTON, D.C., 20310